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**I-20123 Milano(IT)**(54) **Improved nutritional formulation for the treatment of renal disease.**

(57) A novel nutritional formulation comprising mixtures of mixed salts formed between branched-chain  $\alpha$ -keto-acids and basic L-amino acids is disclosed which provides optimal nutrition when consumed with a very low protein diet. The composition of this invention contains fewer components than other mixtures utilized heretofore while maintaining like proportions of the essential and semi-essential amino acids. The composition of this invention has improved thermal stability and taste and is useful for the nutritional treatment of chronic renal failure (uremia).

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**PARTIAL EUROPEAN SEARCH REPORT**  
which under Rule 45 of the European Patent Convention  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

Application number

EP 90 11 1519

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
D,A	EP-A-0 227 545 (JOHN HOPKINS UNIVERSITY et al.)  * Claims; page 7, line 26 - page 8, line 2 *  --	11-12
D,A	EP-A-0 295 166 (SYNTHELABO)  * Examples 1-3; claims *  --	11-12
D,A	FR-A-2 454 434 (JOHN HOPKINS UNIVERSITY)  * Example 2 *  --  ./.	11-12
		CLASSIFICATION OF THE APPLICATION (Int. Cl.4)  A 23 L 1/305 A 61 K 31/195
		TECHNICAL FIELDS SEARCHED (Int. Cl.4)  A 23 L A 61 K
<b>INCOMPLETE SEARCH</b>  The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims. Claims searched completely: 11,12 Claims searched incompletely: 1-10 Claims not searched: Reason for the limitation of the search:  Method for treatment of the human or animal body by surgery or therapy (See art. 52(4) of the European Patent Convention)		
Place of search THE HAGUE		Date of completion of the search 06-12-1990
Examiner VAN MOER		
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document  T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document		

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# PARTIAL EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	KIDNEY INTERNATIONAL, vol. 24, suppl. 16, 1983, pages S-285 - S-289, International Society of Nephrology; M. WALSER et al.: "Supplements containing amino acids and keto acids in the treatment of chronic uremia"  * Whole article *		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)

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